

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF
THE DEPENDENT RESURVEY OF
A PORTION OF THE SUBDIVISIONAL LINES,
AND A
PORTION OF THE THREE MILE METHOD SUBDIVISION IN SECTION 14,
AND THE
SURVEY OF A PORTION OF THE SUBDIVISION OF SECTION 14,
IN
TOWNSHIP 2 SOUTH, RANGE 1 EAST
OF THE UINTAH SPECIAL MERIDIAN,
IN THE STATE OF UTAH

EXECUTED BY

Jerry L. Thomas
Cadastral Surveyor

Under special instructions dated *April 22, 1994*, approved *April 22, 1994*, which provided for the surveys included under Group Number *817*, and assignment instructions dated *June 15, 1994*.

Survey commenced *June 16, 1994*

Survey completed *June 21, 1994*

INDEX DIAGRAM

Township 2 South, Range 1 East

6	5	4	3	2	1
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 Subdivision of Section 14

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TOWNSHIP 2 SOUTH, RANGE 1 EAST,
 UTAH SPECIAL MERIDIAN, UTAH

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, and a portion of the Three Mile Method subdivision in section 14, and the survey of a portion of the subdivision of section 14, in Township 2 South, Range 1 East, Uintah Special Meridian, Utah.

HISTORY OF EARLIER SURVEYS

	Surveyed by		Retr. or Resurveyed by	
NORTH BOUNDARY				
All	C.L. DuBois	1875		
SOUTH BOUNDARY				
All	C.L. DuBois	1875		
Portion			R.E.L. Collier and H. Rager	1903
EAST BOUNDARY				
All	C.L. DuBois	1875		
Portion			R.E.L. Collier and H. Rager	1903
WEST BOUNDARY				
All	C.L. DuBois	1875		
SUBDIVISION				
Portion	C.L. DuBois	1875		
Portion	R.E.L. Collier and H. Rager	1903	R.E.L. Collier and H. Rager	1903
Portion	F.E. Joy	1913	F.E. Joy	1913
THREE MILE METHOD SUBDIVISIONAL SURVEY				
Portion	C.L. DuBois	1875		
Portion	F.E. Joy	1913		
FORT DUCHESNE MILITARY RESERVATION				
All	Unknown Military Surveyor	1887		
			R.E.L. Collier and H. Rager	1903
All			F.E. Joy	1913

TOWNSHIP 2 SOUTH, RANGE 1 EAST,
UINTAH SPECIAL MERIDIAN, UTAH

CHAINS

The survey was executed in accordance with specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 817, dated April 22, 1994.

The direction of lines were determined by hour angle observations of the sun and Polaris, carried forward by sustained angulation. Distances were determined by electronic measurement.

Preliminary to the resurvey the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line notes are given herein.

The geographic position of the 1/4 section corner of sections 14 and 15, determined by G.P.S., and will also function as a B.L.M. control station, is as follows:

Latitude 40° 18' 33.319" N. Longitude 109° 51' 30.631" W.
N.A.D. 1927

The mean magnetic declination as determined from numerous readings throughout the survey is: 13 1/2° E.

Dependent Resurvey of a Portion of the Subdivisional
Lines, T. 2 S., R. 1 E., Uintah Special Meridian, Utah

Reestablishment of the Survey Executed by F.E. Joy in 1913

Beginning at the 1/4 section corner of sections 14 and 23, marked by a steel peg, buried 2 inches below surface of paved private driveway, in right-of-way of U.S. Highway No. 40. This position is harmoniously related to existing original corners, has long been recognized as the corner by local residents and the County Surveyor with knowledge prior to new construction of the highway, and is accepted as the best available evidence of the original corner position; not remonumented.

from which

An aluminum post, 30 inches long, 2 1/2 inches diameter, set 24 inches in the ground, for a reference monument, bears N. 45° 00' E., 82 links distance, with aluminum cap marked T2S R1E 1/4 S14 RM 1994 54.0 FT. and an arrow pointing to the corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

A rebar, 12 inches long, 5/8 inch diameter, set 12 inches in the ground, for a reference monument, bears N. 45° 00' W., 60 1/2 links distance, with aluminum cap marked T2S R1E 1/4 S14 RM 1994 40 FT. and an arrow pointing to the corner.

N. 89° 51.0' W., between sections 14 and 23.

Over nearly level land; along right-of-way.

14.913 Point for the W-E-W 1/256 section corner of sections 14 and 23.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

W-E-W 1/256	<u>S14</u>
	S23
	1994

from which

A brass tablet, 1 1/2 inches diameter, imbedded in concrete walkway along N side of bridge, and near E end of walkway, bears S. 53° 50' E., 68 1/2 links dist., with brass tablet marked Elev. Marker (BM 5027 FT.).

15.22 Uinta River, flows S.

19.884 Point for the W 1/16 section corner of sections 14 and 23, at proportionate distance; there is no remaining evidence of the 1913 survey corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, and in a collar of stone, with aluminum cap marked:

W 1/16	<u>S14</u>
	S23
	1994

39.768 The corner of sections 14, 15, 22, and 23, monumented with a brass cap, 1 1/2 inches diameter, firmly set, 8 inches below surface of ground, with brass cap marked S14 S15 S22 S23 Uintah Engineering. This position is harmoniously related to existing original corners, and is accepted as the best available evidence of the original corner position.

from this corner point,

A fence corner, with fences projecting N and E, bears N, 57 1/2 links distance.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

Corner is located 71 1/2 links N of U.S. Highway No. 40, and 63 links E of road bearing N into subdivision.

N. 0° 05.5' W., between sections 14 and 15.

Over nearly level land.

19.995 Point for the S 1/16 section corner of sections 14 and 15, at proportionate distance; there is no remaining evidence of the 1913 survey corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked.

S 1/16
S15 | S14
1994

Corner is located 2 1/2 links W of fence corner, with fences projecting N, E, and S.

39.990 The 1/4 section corner of sections 14 and 15, monumented with an unmarked and unrecorded rebar, 5/8 inch diameter, firmly set, projecting 8 inches above ground. This monument was pointed out by local residents, is harmoniously related with other identified corners in the area, and is accepted as the best available evidence of the 1913 survey position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked.

T2S R1E
1/4
S15 | S14
1994

This corner will also function as a B.L.M. control station, hereinbefore described.

Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W of corner.

Corner is in alignment with fences projecting N, E, and S.

N. 0° 05.5' E., beginning new measurement.

9.994 Point for the S-N 1/64 section corner of sections 14 and 15.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked.

S-N 1/64
S15 | S14
1994

Corner is located 3 links W of N - S fence line.

- 19.988** Point for the N 1/16 section corner of sections 14 and 15, at proportionate distance; there is no remaining evidence of the 1913 survey corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

N 1/16
S15 | S14
1994

Corner is located alongside fence corner post, with fences projecting N, S, and W.

- 34.979** Point for the N-N-N 1/256 section corner of sections 14 and 15.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

N-N-N 1/256
S15 | S14
1994

Corner is located in N and S fence line.

- 39.976** The corner of sections 10, 11, 14, and 15, monumented with an iron post, 2 inches diameter, firmly set, projecting 12 inches above ground, marked and witnessed as described in the field notes of the 1913 survey record.

Corner is located by fence corner post, with fences projecting N, S, and E.

From the 1/4 section corner of sections 11 and 14, monumented with an iron post, 1 inch diameter, firmly set, projecting 6 inches above ground, marked and witnessed as described in the field notes of the 1913 survey record.

N. 89° 56.5' W., between sections 11 and 14.

Over nearly level land.

- 4.975** Point for the E-E-W 1/256 section corner of sections 11 and 14.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

E-E-W 1/256 $\frac{S11}{S14}$
1994

Corner is located 2 links W of fence corner.

9.950 Point for the E-W 1/64 section corner of sections 11 and 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

E-W 1/64 $\frac{S11}{S14}$
1994

Corner is located in E and W fence line and in dense undergrowth.

19.900 The W 1/16 section corner of sections 11 and 14, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 12 inches above ground, and an unmarked stone alongside the iron post, with iron cap marked W 1/16 S11 S14. This point is harmoniously related to identified 1913 survey corners, and is accepted as a careful and faithful perpetuation of the 1913 survey position.

Corner is located in E and W fence, and in dense undergrowth.

N. 89° 50.5' W., beginning new measurement.

19.910 The corner of sections 10, 11, 14, and 15.

Dependent Resurvey of a Portion of the Subdivision of
Section 14, T. 2 S., R. 1 E., Uintah Special Meridian, Utah

Reestablishment of the Survey Executed by F.E. Joy in 1913

From the center E 1/16 section corner of section 14, monumented with an iron post, 1 inch diameter, firmly set, buried 6 inches below surface of ground, marked and witnessed as described in the field notes of the 1913 survey record.

From this corner point, corner of fence with fences projecting E, S, and W, bears S. 1° 30' W., 26 1/2 links distance.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF
SECTION 14, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

N. 89° 52.0' W., on the E - W center line of section 14.

Over nearly level land.

19.956 Point for the center 1/4 section corner of section 14, at proportionate distance; there is no remaining evidence of the 1913 survey corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 28 inches in the ground, with aluminum cap marked:

T2S R1E
C 1/4 S14
1994

From this corner point, fence corner with fences projecting N, S, E, and W, bears S. 16° 50' W., 19 1/2 links distance.

24.945 Point for center E-E-W 1/256 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C-E-E-W 1/256
S 14
1994

Set a steel fence post, alongside aluminum post.

29.934 Point for the center E-W 1/64 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C-E-W 1/64
S14
1994

34.923 Point for the center W-E-W 1/256 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, and in a collar of stone, with aluminum cap marked:

C-W-E-W 1/256
S14
1994

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF
SECTION 14, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

39.912

The center W 1/16 section corner of section 14, monumented with an iron post, 1 inch diameter, firmly set and filled with concrete with rusted and broken off brass cap lying alongside the iron post, and is accepted as the best available evidence of the 1913 survey corner.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C — $\frac{W\ 1/16}{S14}$ — C
1994

Deposit the old iron post and brass cap alongside the aluminum post.

N. 89° 48.5' W., beginning new measurement.

9.965

Point for the center W-W 1/64 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C-W-W 1/64
S14
1994

19.930

The 1/4 section corner of sections 14 and 15.

From the center N 1/16 section corner of section 14, monumented with an iron post, 1 inch diameter, firmly set, projecting 8 inches above ground, marked and witnessed as described in the field notes of the 1913 survey record.

N. 89° 40.5' W., on the E - W center line of the NW 1/4 of section 14.

Over gentle rolling land.

4.980

Point for the center E-E-NW 1/256 section corner of section 14; not monumented.

9.960

Point for the center E-NW 1/64 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C-E-NW
1/64 S14
1994

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF
SECTION 14, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS 19.920	<p>The NW 1/16 section corner of section 14, monumented with an iron post, 1 inch diameter, firmly set, projecting 6 inches above ground, marked and witnessed as described in the field notes of the 1913 survey record.</p> <hr/> <p>N. 89° 56.0' W., beginning new measurement.</p>
9.985	<p>Point for the center W-NW 1/64 section corner of section 14; not monumented.</p>
19.970	<p>The N 1/16 section corner of sections 14 and 15.</p> <hr/> <p>From the center S 1/16 section corner of section 14, monumented with an iron post, 1 inch diameter, firmly set, projecting 6 inches above ground, marked and witnessed as described in the field notes of the 1913 survey record.</p> <p>Corner is located in N and S fence line.</p> <p>N. 89° 51.0' W., on the E - W center line of the SW 1/4 of section 14.</p> <p>Over nearly level land.</p>
14.925	<p>Point for the center W-E-SW 1/256 section corner of section 14.</p> <p>Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:</p> <p style="text-align: center;">C-W-E-SW 1/256 S14 1994</p> <p>Corner is located 4 1/2 links W of N and S fence line.</p>
19.900	<p>Point for the SW 1/16 section corner of section 14, at proportionate distance; there is no remaining evidence of the 1913 survey corner.</p> <p>Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:</p> <p style="text-align: center;">SW 1/16 S14 1994</p>
29.850	<p>Point for the center W-SW 1/64 section corner of section 14.</p> <p>Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF
SECTION 14, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

C-W-SW 1/64

S14

1994

39.800 The S 1/16 section corner of sections 14 and 15.

Survey of a Portion of the Subdivision of
Section 14, T. 2 S., R. 1 E., Uintah Special Meridian, Utah

From the center E-E-W 1/256 section corner of section 14.

N. 0° 07.5' E., on the N - S center line of the E 1/2 of the E 1/2 of the NW 1/4 of section 14.

Over gentle rolling land.

9.990 Point for the center E-SE-NW 1/256 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C-E-SE-NW

1/256 S14

1994

Set a steel fence post, alongside the aluminum post.

19.980 Point for the center E-E-NW 1/256 section corner of section 14; not monumented.

N. 0° 08' W., beginning new measurement.

10.010 Point for the center E-NE-NW 1/256 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C-E-NE-NW

1/256 S14

1994

Corner is located 38 links W of dirt road.

20.020 The E-E-W 1/256 section corner of sections 11 and 14.

SURVEY OF A PORTION OF THE SUBDIVISION OF
SECTION 14, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

From the center E-W 1/64 section corner of section 14.

N. 0° 08.5' E., on the N - S center line of the E 1/2 of the NW 1/4 of section 14.

Over gentle rolling land.

9.998 Point for the SE-NW 1/64 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

SE-NW 1/64
S14
1994

19.996 The center E-NW 1/64 section corner of section 14.

N. 0° 07.0' W., beginning new measurement.

10.000 Point for the NE-NW 1/64 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

NE-NW 1/64
S14
1994

20.000 The E-W 1/64 section corner of sections 11 and 14.

From the W-E-W 1/256 section corner of sections 14 and 23.

N. 0° 02.0' W., on the N - S center line of the W 1/2 of the E 1/2 of the SW 1/4 of section 14.

Over gentle rolling land.

19.995 The center W-E-SW 1/256 section corner of section 14.

N. 0° 03.0' E., beginning new measurement.

19.980 The center W-E-W 1/256 section corner of section 14.

SURVEY OF A PORTION OF THE SUBDIVISION OF
SECTION 14, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

From the W 1/16 section corner of sections 14 and 23.

N. 0° 03.0' W., on the N - S center line of the SW 1/4 of section 14.

Over river bottom land.

19.995 The SW 1/16 section corner of section 14.

N. 0° 00.5' E., beginning new measurement.

9.990 Point for the center N-SW 1/64 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C-N-SW 1/64
S14
1994

19.980 The center W 1/16 section corner of section 14.

N. 0° 11.0' E., on the N - S center line of the NW 1/4 of section 14.

20.030 The NW 1/16 section corner of section 14.

N. 0° 05.0' W., beginning new measurement.

14.967 Point for the center N-N-NW 1/256 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C-N-N-NW
1/256 S14
1994

19.956 The W 1/16 section corner of sections 11 and 14.

From the center W-SW 1/64 section corner of section 14.

N. 0° 02.5' W., on the N - S center line of the NW 1/4 of the SW 1/4 of section 14.

Over gentle rolling land.

SURVEY OF A PORTION OF THE SUBDIVISION OF
SECTION 14, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS**9.995**

Point for the NW-SW 1/64 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

NW-SW 1/64
S14
1994

19.990

The center W-W 1/64 section corner of section 14.

N. 0° 08.0' E., on the N - S center line of the SW 1/4 of the NW 1/4 of section 14.

Over nearly level land.

10.005

Point for the SW-NW 1/64 section corner of section 14.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

SW-NW 1/64
S14
1994

20.010

Point for the center W-NW 1/64 section corner of section 14, not monumented.

From the center E-SE-NW 1/256 section corner of section 14.

N. 89° 46.5' W., on the E - W center line of the SE 1/4, NW 1/4 of section 14.

Over nearly level land.

4.985

The SE-NW 1/64 section corner of section 14.

From the center E-NE-NW 1/256 section corner of section 14.

N. 89° 48.5' W., on the E - W center line of the NE 1/4, NW 1/4 of section 14.

Over nearly level land.

4.980

The NE-NW 1/64 section corner of section 14.

SURVEY OF A PORTION OF THE SUBDIVISION OF
SECTION 14, T. 2 S., R. 1 E., UTAH SPECIAL MERIDIAN, UTAH

CHAINS

From the center N-SW 1/64 section corner of section 14.

N. 89° 49.5' W., on the E - W center line of the NW 1/4, SW 1/4 of section 14.

Over nearly level land.

9.960 The NW-SW 1/64 section corner of section 14.

From the center N-N-NW 1/256 section corner of section 14.

N. 89° 52.0' W., on the E - W center line of the N 1/2, NW 1/4, NW 1/4 of section 14.

Over nearly level land.

19.925 The N-N-N 1/256 section corner of sections 14 and 15.

From the SW-NW 1/64 section corner of section 14.

N. 89° 52.5' W., on the E - W center line of the SW 1/4, NW 1/4 of section 14.

Over nearly level land.

9.975 The S - N 1/64 section corner of sections 14 and 15.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Steven Oatman	Surveying Technician
Eric Wilbanks	Survey Aid

CERTIFICATE OF SURVEY

I, **Jerry L. Thomas, Cadastral Surveyor**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *22nd day of April, 1994*, I have *dependently resurveyed a portion of the subdivisional lines, and a portion of the Three Mile Method subdivision in section 14, and the subdivision survey of a portion of section 14, in Township 2 South, Range 1 East*,

of the *Uintah Special Meridian*, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

Dec. 23, 1998

Date

Jerry L. Thomas
(Cadastral Surveyor)

Date

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the subdivisional lines, and a portion of the Three Mile Method subdivision in section 14, and the subdivision survey of a portion of section 14, Township 2 South, Range 1 East, Uintah Special Meridian, Utah*,

executed by **Jerry L. Thomas, Cadastral Surveyor**

having been critically examined and found correct, are hereby approved.

Jan. 11, 1999

Date

Daniel W. Webb
(Chief Cadastral Surveyor for Utah)